

## Claims

- [c1] 1. A shock-absorber structure, mounted in a scanning apparatus that respectively includes a housing comprised of an upper case and a lower case, and a window transparent board mounted between the upper and lower cases, the shock-absorber structure comprising:  
a plurality of resilient elements, mounted within a slot of the lower case where is inserted a side portion of the window transparent board, the resilient elements being oppositely mounted with different lengths in abutment between an inner surface in the slot and the side portion of the window transparent board.
- [c2] 2. The structure of claim 1, wherein the resilient elements are made of flexible material.
- [c3] 3. The structure of claim 2, wherein the material of the resilient elements includes rubber.
- [c4] 4. The structure of claim 1, wherein the resilient elements are disposed parallel to one another with one central element of greatest length at two sides of which the other resilient elements are distributed with their respective lengths progressively decreasing.
- [c5] 5. The structure of claim 4, wherein the progressive length decrease of the resilient elements at the two sides of the resilient element of greatest length is symmetrical.
- [c6] 6. The structure of claim 4, wherein the progressive length decrease of the resilient elements at the two sides of the resilient element of greatest length is according to an alternating manner.
- [c7] 7. The structure of claim 1, wherein the resilient elements are disposed according to a stepped distribution.
- [c8] 8. The structure of claim 1, wherein the resilient elements are approximately bar-shaped.

[c9] 9. The structure of claim 1, wherein the resilient elements are approximately triangular.

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